

42880 to 42887.

From Tokyo, Japan. Presented by Dr. H. Terao, botanist, Imperial Agricultural Experiment Station. Received May 31, 1916.

42880 to 42884. *ORYZA SATIVA* L. Poaceæ.

Rice.

42885 to 42887. *SOJA MAX* (L.) Piper. Fabaceæ.

Soy bean.

(*Glycine hispida* Maxim.)

42888 to 42891. HORDEUM spp. Poaceæ.

Barley.

From Khartum, Sudan Government. Presented by Mr. E. R. Sawyer, Central Research Farm. Received June 13, 1916. Notes by Mr. Sawyer.

42888. *HORDEUM VULGARE COELESTE* L.

"Abyssinian barley or barley wheat. Cultivated in parts of India as a true hull-less barley."

42889. *HORDEUM VULGARE COELESTE* L.

"*Saggia*. Abyssinian barley."

42890. *HORDEUM VULGARE PALLIDUM* Seringe.

"*Sagia* or *Sagina* barley grown under water-wheel irrigation."

42891. *HORDEUM VULGARE PALLIDUM* Seringe.

"The ordinary Egyptian barley as cultivated on the larger estates."

42892 to 42894. CICER ARIETINUM L. Fabaceæ. Chick-pea.

From Pusa, India. Presented by Mr. Bernard Coventry, Agricultural Advisor to the Government of India. Received June 13, 1916.

For a full discussion of these varieties and their behavior, see "Some Varieties of Indian Gram," by Albert and Gabrielle L. C. Howard, *Memoirs of the Department of Agriculture of India*, vol. 7, No. 6, December, 1915, pp. 231-232, from which the following quoted notes have been taken:

42892. "Type 9. Very late, habit very spreading, with numerous side branches. Leaves very dark green. Flowers white. Seeds white with a yellowish tinge. This type is of interest in that in spite of its deep root system, which is a disadvantage at Pusa, it has so far given the highest monetary return per acre. In this form yield and quality are united in the same type."

42893. "Type 17. Late, habit slightly spreading. Leaves with a yellowish tinge and slight redness on the apices of the teeth of the leaflets, midrib reddish. Flowers pink; standard slightly pink; wings violet. Seeds yellowish brown."

42894. "Type 18. Intermediate in time of maturity, habit erect. Leaves light green with a yellowish tinge, slight reddening on the margins of the leaflets, and deeper reddening on the midrib. Flowers pink; standard light pink; wings violet. Seeds dark brown."

42895. CACTUS sp. Cactaceæ.

Cactus.

From Santa Marta, Colombia. Plants collected by Mr. H. M. Curran. Received June 24, 1916.

42896. XIMENIA AMERICANA L. Olacaceæ. False sandalwood.

From Donga, Northern Nigeria. Presented by Rev. C. L. Whitman, Sudan United Mission. Received June 17, 1916.